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Title: JP4206339A2: ALKALI DRY CELL

Derwent Title: Gas emission hole structure for negative electrode of alkaline dry battery - includes thermo melting material that melts at specific temperature range, coated on upper portion of gas emission hole formed in cathode ventilation board [\[Derwent Record\]](#)

Country: JP Japan

Kind: A (See also: [JP2952033B2](#))

Inventor: ITO YUKIHIRO;
IIZUKA KAZUO;

Assignee: TOSHIBA BATTERY CO LTD
[News, Profiles, Stocks and More about this company](#)

Published / Filed: 1992-07-28 / 1990-11-30

Application Number: JP1990000330246

IPC Code: [H01M 2/12](#);

Priority Number: 1990-11-30 JP1990000330246

Abstract: PURPOSE: To obtain a satisfactory leak resisting property by covering the gas discharge hole part of a negative electrode terminal plate with a thermally melting material softened and melted at a specified temperature.

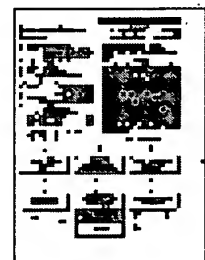
CONSTITUTION: A negative electrode terminal plate 8 is placed on the stepped part 54 of an insulating gasket 5 provided on the opening part of a metal can 1 through a ring metal support body 7 having an air hole 7a, and the gas discharge hole part 8a of the negative electrode terminal plate 8 is covered with a thermally melting material softened and melted at 70-90°C. A coat layer 9 of paraffin wax having a melting point of 75°C, for example, as the thermally melting material is formed. Thus, the leak passage of the electrolyte climbed up along a collecting bar 6 and moved along the inner surface of the negative electrode terminal plate 8 can be cut by the paraffin wax coat layer 9. Thus, a satisfactory leak resisting characteristic can be obtained.

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PATENT ABSTRACTS OF JAPAN(21) Application number: **02330246**(51) Intl. Cl.: **H01M 2/12**(22) Application date: **30.11.90**

(30) Priority:	(71) Applicant: TOSHIBA BATTERY CO LTD
(43) Date of application publication: 28.07.92	(72) Inventor: ITO YUKIHIRO IIZUKA KAZUO
(84) Designated contracting states:	(74) Representative:

(54) ALKALI DRY CELL

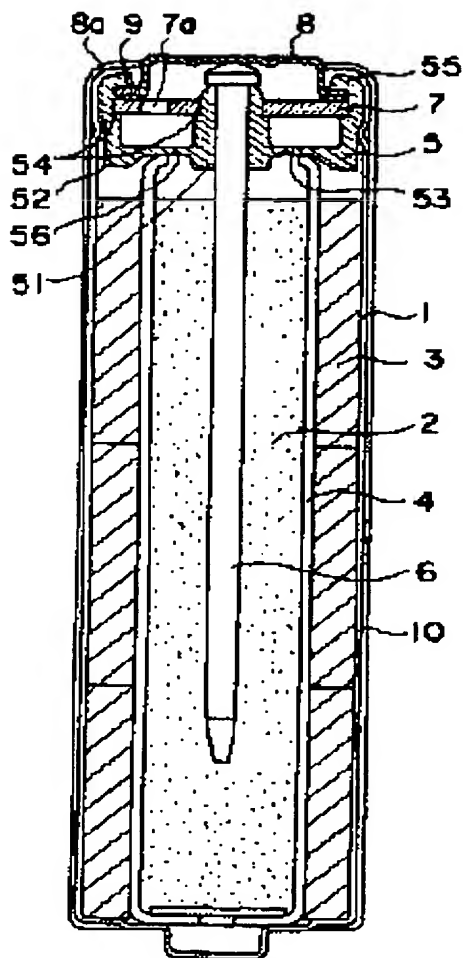
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